

Return Bulletins to:  
Dusty Rocks  
P.O. Box 1803  
Klamath Falls OR 97601

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**Dusty Rocks**

**November  
2019**

**ROCK AND ARROWHEAD CLUB**

**P.O. BOX 1803**

**KLAMATH FALLS, OR 97601**

**[www.klamathrockclub.org](http://www.klamathrockclub.org)**



# DUSTY ROCKS

Rock and Arrowhead Club ~ Klamath Falls Oregon



## OFFICERS & EXECUTIVE BOARD

**President:** Laura Limb  
541-273-7503  
1528 Dayton St,  
Klamath Falls OR, 97603

**Vice President:** Denise Hard  
541-331-1378  
3423 Altamont Dr,  
Klamath Falls, OR 97603

**Secretary/recorder:** Sherry Lee  
503-867-4112  
2226 Applegate Ave,  
Klamath Falls, OR 97601

**Treasurer:** Robert Stroope  
541-539-9599  
10072 Westbrook Dr,  
Klamath Falls, OR 97603

**NFMS Director:** Kathi Milem  
3333 Anderson #3  
Klamath Falls, OR 97603

**NFMS Delegate:** Alyssa Carnes

**Member @ Large:** Leah Stump

[www.klamathrockclub.org](http://www.klamathrockclub.org)  
Webmaster Denise Sebastian,  
nicee1214@gmail.com Send your items for  
sale, photos, adventures, etc

### Committee Chairs

Sunshine.....Chris Chance  
Program.....Kristin Sayles  
Greeter/Door Prize.....  
Refreshments.....Chris Chance  
Historian.....Don Perryman  
Librarian.....  
Claims Rep.....Garwin Carlson  
Field Trips.....  
Black Light Display.....Marshall Curran  
Show Chair.....Garwin Carlson  
Asst Show Chair.....  
Safety Officer.....Laura Limb  
Publisher/ Webmaster...Denise Sebastian

**Rock and Arrowhead Club** Meetings are held at the Klamath County Museum Meeting Room – Main & Spring Streets, using the **West** entrance

**Meetings are held on the 2<sup>nd</sup> Monday of each month at 7:00 pm** with the exception of December when we have our Christmas Luncheon and Party **and after the March show, when the meeting is held on Tuesday.**

**Visitors are cordially invited to all meetings. To join:**

Dues are \$13.50 per year for singles,  
\$25 for couples \$30 families

The club mailing address is:  
PO Box 1803, Klamath Falls OR 97601

### General Objectives of the Club:

To promote popular interest, knowledge and understanding in the various earth sciences, as in Geology, Mineralogy, Paleontology and Lapidary and other related subjects. To sponsor and provide means of coordinating the work and efforts of all persons interested therein.

### Helping Others:

The club participates in the NFMS stamp program, saving large commemoratives, airmail, pre-canceled, and foreign stamps of all values. Proceeds from stamp sales will be used to benefit any charity deemed worthy by the NFMS Endowment Fund.

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**THE NORTHWEST NEWSLETTER** is published 11 times a year. Copies are sent to each member's household. The cost is included in your annual dues.

Two free copies of the **AFMS NEWSLETTER** are mailed to each member club. Subscriptions are available at \$3.50 for 9 issues. Send payment to:  
American Federation of Mineralogical Societies  
PO Box 26523 Oklahoma City, Ok. 73126

### We are affiliated with

- Northwest Federation of Mineralogical Societies
- American Federation of Mineralogical Societies

### Newsletter Editors

Chris Chance 541-891-3608  
& Linda Stroope 503-393-5025

**Visit Us At [www.klamathrockclub.org](http://www.klamathrockclub.org) Contact Webmaster Denise Sebastian nicee1214@gmail.com for anything relating to our website Please e-mail [mrsllas@ccountry.net](mailto:mrsllas@ccountry.net) to join & get on our email list.**

*Reference to use of arrowheads within our club is limited to flint napping activities during workshops, annual shows and personal creations. No gathering of arrowheads on field trips is authorized or suggested by any club members.*

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**From the President...**

Hello Fellow Rock Hounds,

This will be the last president's message from me. I have enjoyed my years as your president and the growth and loss the club has experienced. I want to thank all of the members who have volunteered their time for the 2 shows per year and the various field trips that we sponsor as club activities. I will cherish the various friendships that I have made within the club.

I am confident that my replacement will be a welcome change and infusion of energy for the club.

Your President  
Laura Limb



**Happy Birthday**



Peggy Bieler  
Glen Damrow  
Jeff Eastburn  
Mark Kochevar  
Kathi Milem  
Arden Robinson  
Jasmine Watson

If we've missed you it's because our master list lacks your info. Help us update it, thanks!  
Please contact Leah Stump

**NEXT MEETING:**

**Monday November 11, 7pm  
Treats by Toni & Kurt Phillips**

**Save the dates!**

**Sunday Dec 15 RAC Christmas Party 3-6 pm  
Sign up sheets @ November meeting**

**Big Spring Show! Pre set up & set up, 3/12  
and 3/13/20. Show 3/14-15//20**



Rock and Arrowhead Club  
Klamath County Museum  
General Meeting Minutes of Oct 14, 2019



The meeting was called to order by Vice President, Denise Hard, at 7:00 pm, followed by salute to the flag.

Birthday greetings to all born in the month of October.

28 Members in attendance - There were three lucky door prizes winners.

Welcome to guests – None

Program: Crystals and their structure was presented by Jeff Eastburn. An informative video presentation

Review of the September minutes - It was moved by LeRoy Bieler and seconded by Tom Endicott to accept the minutes; making note that the date for the Brookings Beach trip was incorrect, actual date was October 11-13, (Recorder apologizes for the error). Motion carried.

Treasurer's Report – Robert Stroope gave the monthly report on the RAC account.

Northwestern Federation (NWF) Report - Kathi Milem – Nothing new to report.

Sunshine Report - Chris Chance- All seem to be well

Webmaster Report - Denise Hard – Site is caught up and working.

Newsletter - Linda Stroope and Chris Chance - Keep sending in your pictures and articles from your rock hound adventures. Sign up sheets for 2020 Refreshments and the Christmas party were set out by the refreshments.

Club member field trips –

\*Jeff Eastburn followed Don Perryman's trail to the Monterey Blue Agate in Central Nevada off Hwy 50 and came home with some small pieces and a fine large piece he had to unearth.

\*Tom Endicott offered a field trip to his yard, he has too many rocks and is selling them.

\* Denise reported on the Club Field trip to Pistol River and Agate Beach. Six members in attendance and all came home happy with their collection of jade and agates..

Club Field Trips: We still need a volunteer to co-ordinate the club field trips:

Old Business -

\*Spring Show: Date is March 14 and 15. Denise Hard will chair, but requests that all members volunteer and help. There is still a great need of tumbled material for the Wheel of Fortune.

\* Fall show - Kristin Sayles - November 2 and 3 - meeting Thursday, October 17 at 6pm.

\*Nomination Committee - Candidates following:

President Denise VP Bob Wilson Recorder Kristin Sayles Treasurer Mike Hard

Voting will be held during November meeting.

Next meeting: November 11, 2019 - 7:00 pm at the Klamath County Museum

Meeting Adjourned at 7:43 pm Refreshments: Provided Chris and Sam Chance– thank you for the yummy refreshments, punch and coffee.

Respectfully submitted by Cheryl Lee, Recorder

Calling all members! Do try to make it to the November meeting—it's officer election time for 2020.

Unfortunately it's challenging to find members willing to take this on. The nominating committee had several good suggestions, but in the end, we are looking at just one person for each office that has stepped up and is willing to do the work. We need to express our gratitude to them—without them, the club would fade away.

Thanks to **Denise Hard** for accepting the nomination for President  
**Bob Wilson** for accepting the nomination for VP  
**Kristin Sayles** for accepting the recorder nomination  
**Michael Hard** for accepting the treasurer nomination

Per our bylaws:

Article VI: Duties of Officers:

Part A: President – Shall preside at all regular, special and executive board meetings. Shall represent the club at social and public gatherings/meetings when able to attend. Shall register a signature card for disbursement of club funds from the checking/savings account and include name on the governing section of the bank forms.

Section 1: Attend all affiliated meetings, when the Federation Director is absent.

Section 2: Maintain currency of information in the President's Book.

Part B: Vice President – Shall perform all presidential duties in the absence or illness of the President. Shall register a signature card for disbursement of club funds from the checking/savings account and include name on the governing section of the bank forms.

Section 1: Perform the duties of Audit Chairperson

Section 2: Perform the duties of Program Chairperson

Section 3: Become the delegate or alternate representative at affiliated meetings.

Section 4: Be responsible for the meeting room key, pick up Friday before the meeting.

Part C: Recorder – Shall attend all regular, special or board meetings. Monitor all correspondence pertaining to club business and be the third signature on the bankcard for disbursement of funds.

Section 1: Administer all regular advertisement of meetings and special events.

Section 2: Send copies of the previous club minutes to the bulletin editor.

Section 3: Maintain at least two (2) years of club records or minutes. Outdated records to be submitted to the Historian for updating the club scrapbook, when applicable.

## By Laws excerpts, cont'd

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Part D: Treasurer – Shall maintain the check register, accounts book and receipts books on all club expenditures. Shall be the second signature on the bankcard for disbursement of club funds.

Section 1: Present verbally an itemized report of expenditures of club funds at each regular, special or board meeting.

Section 2: Make payment of all general upkeep bills, without the approval of the general membership, i.e.:

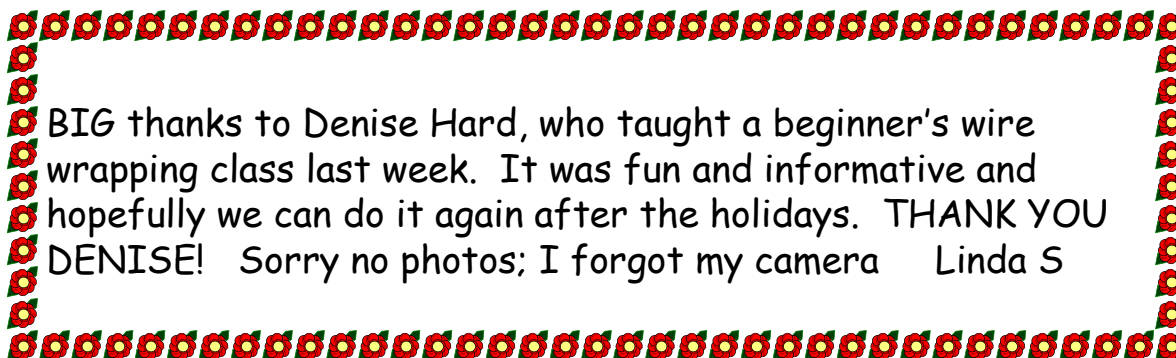
- A Mailings
- B Cards
- C Printing Supplies and reproductions
- D Meeting Hall Rent
- E Claim Filing Fees
- F Affiliated membership dues

Article V, Part B Terms of office:

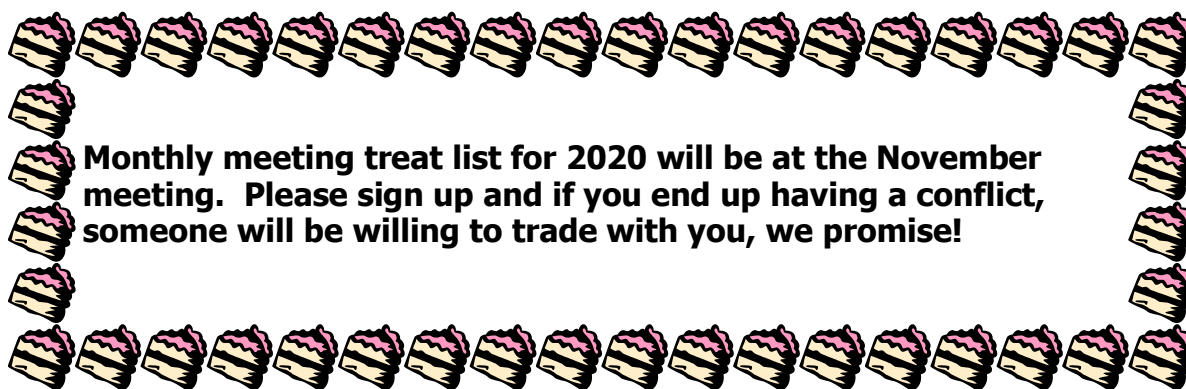
- President – one year
- Vice President – one year
- Recorder– two years (see section 6)
- Treasurer – two years.
- Federation Director – two years.

Section 6: The Recorder and Treasurer shall be elected on opposite years, to insure continuity of the executive Board.

Note: Proxy and absentee voting is not permitted for Officers. Electronic Voting is permissible per Part C



BIG thanks to Denise Hard, who taught a beginner's wire wrapping class last week. It was fun and informative and hopefully we can do it again after the holidays. THANK YOU DENISE! Sorry no photos; I forgot my camera Linda S



**Monthly meeting treat list for 2020 will be at the November meeting. Please sign up and if you end up having a conflict, someone will be willing to trade with you, we promise!**

And speaking of FOOD.....time to sign up **for Christmas pot luck items.** It's right around the corner and will be here before we know it. See the sign up sheet at the NOV meeting or just email or call Chris Chance or her helper Linda Stroope if you're not going to be at the meeting but want to volunteer something. Our contact info is on the last page of this newsletter.

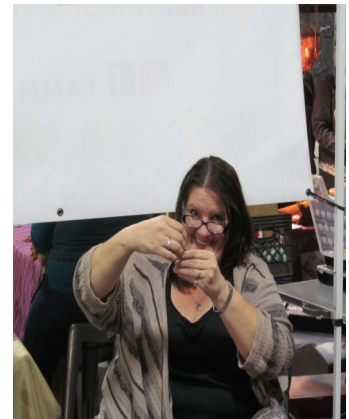
We need a volunteer cook for the turkey, too. Kristin has done this many times in the past but we shouldn't take this for granted and assume she's always available. Some more of us retired folks need to step up and not burden those who are still working, right? A volunteer now would be great. Ham is already 'handled".



ALSO....do you happen to have one of those chafing dishes that take sterno and not electricity? The wiring in the meeting room is sketchy and the old sterno kind would be ideal. We will rent a couple if no one has any to loan for the day. Please let us know at or by the Nov meeting date of 11/11.



# Just a few pics from the Fall Craft Show on Saturday, 11/2





## The Grinder

Equipment for sale Contact Zeke Breazeale 541.884.1099

- Highland HP 14" Slab Saw \$2,000
- Diamond Pacific Genie \$1,600  
*Brand New! Never used; wheels*
- Grinder/Buffer 6" with stand \$ 120
- Water cooled Chop Saw \$ 125

## HUGE ROCK SALE!

HAVE TOO MANY ROCKS

MOST .50 CENTS/POUND

SOME FREE!

5 GALLON BUCKETS \$10-\$25

- GARY GREEN (LARSONITE)
- MCCRACKEN MINE, AZ QUARTZ, GEODES, SILVER ORE
- WONDERSTONE
- GEM RHYOLITE
- TULEDAD JASPER
- PETRIFIED WOOD
- GRAVEYARD POINT PLUME
- OBSIDIAN (RAINBOW, MAHOGANY)
- BURRO CREEK, AZ. AGATE
- HAUSER/CINNAMON BED GEODES
- OWYHEE JASPER
- WHITE FIR SPRINGS JASPER EGGS
- HIDDEN SADDLE BLACK AGATE
- OCHOCO THUNDER EGGS
- SALOME, AZ. CHRYSACOLA, QUARTZ & HEMATITE
- HAMPTON BUTTE WOOD, AGATE & JASPER
- BULLARD MINE, AZ. CHRYSACOLA
- ASSORTED AGATE & JASPER
- MAURY MOUNTAIN MOSS \$1/POUND
- AMETHYST SAGE AGATE \$2/POUND

Please Call Tom Endicott  
541 281 5817  
16414 Keno Worden Rd  
Available most days



MORE good stuff for sale

## Huge Rock Sale!!!

- \* Petrified Wood (from Umpqua drainage, Powers east of gold beach)
- \* Thunder eggs ( Lucky Strike mine, west of Mitchell, Oregon Ochoco mountains)
- \* Geodes ( Lucky Strike mine)
- \* Carnelian Agate (south Umpqua Tiller)
- \* Obsidian
- \* Varity of Jasper
- \* Varity of Agate & much more!



Sold by weight \$1.00 per pound (negotiable)

Please bring your own container

All Rocks must go!

Call David 541-892-0005 for more information



# NOVEMBER PUZZLE

## Physics 1

Find and circle all of the words that are hidden in the grid.  
The remaining 30 letters spell an Albert Einstein quotation.

Y D O A C O U S T I C S Q T U C S V N E  
 V A N B D O P P L E R K N U E W I D F E  
 R F C U U A I A C G E I E N A S L I A E  
 C D E C O O C U R O O C T L C R S S R L  
 O E I N E S Y A T P N R N O V C K P A O  
 L N N M A L V A G N I V S A I I Y L D H  
 D S S P U I E N N P E I E N D R N A A K  
 F I T T T T I R E C T M A C O E Y C Y C  
 U T E Y S Z N T A Y Y H I T T P P E G A  
 S Y I R E S A E I T C A C R O I G M N L  
 I L N E L L A E M E I E L R E D O E I B  
 O Y R V P O L M M O J O T S E P U N K S  
 N F T E I E V A W A M N N W E O X T W E  
 O F U L C R U M R V E C T O R T P E A P  
 T A T T N R S T R I N G T H E O R Y H O  
 W T R Y I P O W E R E T E M O M R E H T  
 E O Y G R E N E R E F R A C T I O N I O  
 N M N G P M U L U D N E P L E N G T H S  
 S C I T P O E D U T I L P M A K R O W I

- |              |                |            |               |
|--------------|----------------|------------|---------------|
| ACCELERATION | ELECTRON       | LAWS       | QUARK         |
| ACOUSTICS    | ENERGY         | LENGTH     | REFRACTION    |
| AMPLITUDE    | ENTROPY        | LEVER      | SOUND         |
| ATOM         | EXPERIMENT     | MASS       | STRING THEORY |
| BLACK HOLE   | FARADAY        | MECHANICS  | TESLA         |
| BUOYANCY     | FREEZING POINT | MOMENTUM   | THERMOMETER   |
| CENTRIPETAL  | FULCRUM        | NEWTON     | TRAJECTORY    |
| COLD FUSION  | GRAVITY        | OPTICS     | VECTOR        |
| CONVECTION   | HAWKING        | PASCAL     | VISCOSITY     |
| DENSITY      | IMPEDANCE      | PENDULUM   | WAVE          |
| DISPLACEMENT | ISOTOPE        | POWER      | WEDGE         |
| DOPPLER      | KELVIN         | PRINCIPLES | WORK          |
| EINSTEIN     |                |            |               |

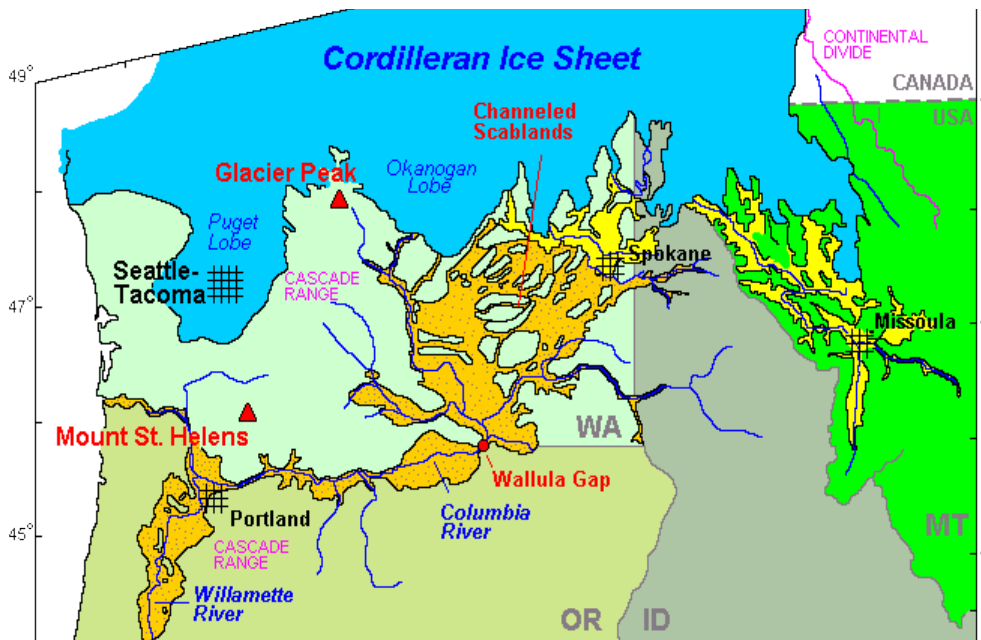


## ERRATICS!



Erratic Boulders What are they? Where do they come from? How did they get there?

Equally commonly known as *glacial erratics* and also as “dropstones”, erratics are so called because they have no set pattern of placement and their type and composition do not mesh with that of the area in which they are deposited. Erratics have arrived on site thanks to the movement of retreating glaciers, either encapsulated by them or rafting their way to us on sheets of ice. Erratics are distant travelers, having come from hundreds of miles away. Found literally all over the world, we here in the Pacific Northwest have vast numbers of them lining our glacially formed valleys. Icebergs floating down the Willamette Valley, depositing the richest soil in the Northwest? Two examples are Erratic Rock State Natural Site in Sheridan, home of the largest (90 tons) in the state, where the rocks came from the Northern Rockies and the Fields Bridge hiking trail in West Linn, along the Tualatin River. But did the lobes of the Cordilleran ice sheet come down this far? No, it did not:



Then what happened 17-18,000 years ago that changed everything? An immense body of water we call Glacial Lake Missoula, created by an ice dam, was released by the bursting of that dam creating the scablands of Eastern Washington

including Dry Falls, The Potholes, Moses Lake and fantastic terrain surrounding Sun Lakes State Park all the way to the Willamette Valley. Subsequent, smaller floods occurred, as well. At 400 ft deep, Ancient Lake Allison stretched from Kalama, WA all the way to Eugene. Closest to us: Gearhart Mountain right in our back yard:



# MERRY CHRISTMAS

It's a Party! A PotLuck Party!

Sunday Dec 15, 2018 3-6pm, Klamath County Museum

Our usual kitchen entrance at the back. Come early! The coffee & tea will be hot.

Everyone is welcome. The plan is that all attending will bring their own table setting and a favorite side to share with others. Desserts, too.

The Club furnishes roasted turkey & gravy, along with ham and mashed potatoes. After we enjoy our fill of all the tasty food, we'll have a fun time with our traditional Bingo game run by Game Master Marshall Curran. To play this game, you will need to bring an inexpensive, wrapped gift, *'gag' gifts welcome!!* - it does not need to be rock related. The game gets noisy as people who Bingo can choose from the gift pile or.... "steal" those wrapped gifts from others, *hoping* something good will be inside. When the pile is gone, you **HAVE TO** steal from someone else. At the end of the game, everyone will have a prize to take home.

We also have a "real" gift exchange, also voluntary, \$20 max & less is better. Girls bring a wrapped girly gift labeled as such to exchange and guys, bring something labeled manly to exchange. Everyone who brings a gift will return home with a gift.

Come, have fun and get to meet your fellow Club members. How can you go wrong with a full tummy and a perhaps a beautiful gift?

Start off your Holiday Season with our RAC party.



**Editor's Corner**

My daughter and grand daughter visited Oregon during the week of Oct. 11th. We were hoping for something special since they were coming from Valdosta, Georgia, where temperatures were in the 90's when they left!

Taking a tour of Crater Lake, my 15 yr old grand daughter was thrilled, having never been in snow before. She took lots of pictures to share with her friends.

Thanks to Oregon for it's changing weather patterns, giving her a visit to remember.

*Chris Chance, co-editor*

email [chancechristine66@gmail.com](mailto:chancechristine66@gmail.com)



I want to take the opportunity to give a big shout out to DENISE HARD, who has agreed to take the lead on the spring show. She agreed to be show chair with the stipulation that we ALL step up to help where we can. This is a huge undertaking and only right that everyone contribute their ideas and time where needed. Don Perryman rounded us up some able Henley 'bodies' to help last year, too. Please do so again!

Kathy Milem is on tap for the spaghetti dinner once again. Chris & I really enjoy the raffle case and plan to keep at it for as long as we're wanted. Lacey Jarrell has expertise with advertising and is always there to help. **MUCH NEEDED:** big rocks for the silent auction and tumbled rocks. Get those tumblers working now.

I suspect we will have another meeting after 1/1 for painting rocks for the wheel of fortune prizes. Last year Peggy Bieler painted & donated well over a hundred gorgeous rocks. Her skills were evident when she won the 1st place case award for Craftsmanship at the show.

We'll need a lot of rocks for painting—start collecting now, please.

Remember the December Christmas Party and **NO MEETING** in December. Chris & I will do an abbreviated newsletter for December, as well.

*Linda Stroope, co-editor* email [stroopemail@gmail.com](mailto:stroopemail@gmail.com)